

Table 2.2
All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2007 With up to Four Joinpoints, 1992-2007 With up to Two Joinpoints,
Males by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d	
	Years	APC	1998-2007	2003-2007								
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2007</u>												
All Races	1975-1989	1.3*	1989-1992	5.2*	1992-1995	-4.8*	1995-2000	0.4	2000-2007	-1.1*	-0.7*	-1.1*
White	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.1*	1995-2000	0.7	2000-2007	-1.0*	-0.6*	-1.0*
Black	1975-1981	2.8*	1981-1989	0.7	1989-1992	6.8*	1992-2007	-1.6*			-1.6*	-1.6*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2007</u>												
All Races	1992-1995	-4.5*	1995-2000	0.2	2000-2007	-1.2*					-0.9*	-1.2*
White	1992-1994	-6.6*	1994-2001	-0.1	2001-2007	-1.1*					-0.8*	-1.1*
Black	1992-2007	-1.7*									-1.7*	-1.7*
<u>SEER 9 Observed Incidence^a, 1975-2007</u>												
All Races	1975-1989	1.3*	1989-1992	5.2*	1992-1995	-4.8*	1995-2000	0.4	2000-2007	-1.3*	-0.9*	-1.3*
White	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.2*	1995-2000	0.7	2000-2007	-1.3*	-0.9*	-1.3*
Black	1975-1981	2.8*	1981-1989	0.6	1989-1992	7.0*	1992-2007	-1.8*			-1.8*	-1.8*
<u>SEER 13 Observed Incidence^b, 1992-2007</u>												
All Races	1992-1995	-4.5*	1995-2000	0.2	2000-2007	-1.4*					-1.1*	-1.4*
White	1992-1994	-6.7*	1994-2001	-0.1	2001-2007	-1.5*					-1.0*	-1.5*
White NH ^{ef}	1992-1994	-6.7*	1994-2001	0.0	2001-2007	-1.3*					-0.8*	-1.3*
Black	1992-2002	-1.5*	2002-2007	-3.0*							-2.3*	-3.0*
Black NH ^{ef}	1992-2003	-1.5*	2003-2007	-3.1*							-2.2*	-3.1*
API ^e	1992-1996	-2.8*	1996-2000	0.4	2000-2007	-1.5*					-1.1*	-1.5*
AI/AN ^{eg}	1992-2007	-1.0*									-1.0*	-1.0*
Hispanic ^f	1992-2004	-0.9*	2004-2007	-3.2*							-1.7*	-2.6*
<u>U.S. Cancer Mortality^c, 1975-2007</u>												
All Races	1975-1979	1.0*	1979-1990	0.3*	1990-1993	-0.4	1993-2001	-1.5*	2001-2007	-1.9*	-1.8*	-1.9*
White	1975-1980	0.8*	1980-1992	0.2*	1992-2001	-1.4*	2001-2007	-1.8*			-1.6*	-1.8*
Black	1975-1982	1.8*	1982-1990	1.0*	1990-1995	-0.7*	1995-2007	-2.5*			-2.5*	-2.5*
<u>U.S. Cancer Mortality^c, 1992-2007</u>												
All Races	1992-2000	-1.4*	2000-2007	-1.9*							-1.8*	-1.9*
White	1992-2001	-1.4*	2001-2007	-1.8*							-1.6*	-1.8*
White NH ^{ef}	1992-2007	-1.4*									-1.4*	-1.4*
Black	1992-1996	-1.2*	1996-2007	-2.5*							-2.5*	-2.5*
Black NH ^{ef}	1992-1996	-1.3*	1996-2007	-2.3*							-2.3*	-2.3*
API ^e	1992-2007	-2.0*									-2.0*	-2.0*
AI/AN ^{eg}	1992-2007	-0.5*									-0.5*	-0.5*
Hispanic ^f	1992-1998	0.0	1998-2007	-2.5*							-2.5*	-2.5*

Joinpoint Regression Program Version 3.4.3, April 2010, National Cancer Institute. (<http://srab.cancer.gov/joinpoint/>).

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

^b Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^f Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska

Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

^g Data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.